

PTO RECEIPT FOR FILING OF PAPERS

The following papers have been filed:

IDS w/PTO-1449 & 20 refs.

Name of Applicant: Michael NAHUM et al.

Serial No.: 09/731,671

Atty. File No.: 106539

Title (New Cases): SYSTEM AND METHOD FOR HIGH-ACCURACY
DISPLACEMENT DETERMINATION IN A CORRELATION
BASED POSITION TRANSDUCER

Sender's Initials: SJR/jam

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| Form PTO-1449 (REV. 8-83) | | US Dept. of Commerce PATENT & TRADEMARK OFFICE | | ATTY DOCKET NO. 106539 | | APPLICATION NO. 09/731,671 | |
| INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) | | | | APPLICANT(S) Michael NAHUM et al. | | | |
| | | | | FILING DATE December 8, 2000 | | GROUP | |

| U.S. PATENT DOCUMENTS | | | | | | |
|-----------------------|--|-----------------|-------|---------------|-------|--------------|
| EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUB CLASS |
| | | 4,794,384 | 12/88 | JACKSON | | |
| | | 4,967,093 | 10/90 | TAKEMORI | | |
| | | 4,671,650 | 06/87 | HIRZEL et al. | | |
| | | 5,453,840 | 09/95 | PARKER et al. | | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
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| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUB CLASS |
| | | JP-56-26208 w/Eng. Abstract | 03/81 | JAPAN | | |
| | | JP-8-14,824 w/Eng. Abstract | 01/96 | JAPAN | | |
| | | JP-2-297,006 w/Eng. Abstract | 12/90 | JAPAN | | |
| | | JP-8-261,730 w/Eng. Abstract | 10/96 | JAPAN | | |
| | | JP-3-274,401 w/Eng. Abstract | 12/91 | JAPAN | | |
| | | JP-8-261,717 w/Eng. Abstract | 10/96 | JAPAN | | |
| | | JP-4-131,705 w/Eng. Abstract | 05/92 | JAPAN | | |
| | | JP-8-233,522 w/Eng. Abstract | 09/96 | JAPAN | | |
| | | JP-7-151,516 w/Eng. Abstract | 06/95 | JAPAN | | |
| | | JP-60-71911 w/Eng. Abstract | 4/85 | JAPAN | | |
| | | JP-8-271231 w/Eng. Abstract | 10/96 | JAPAN | | |
| | | JP-5-52517 w/Eng. Abstract | 03/93 | JAPAN | | |

| OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.) | | |
|------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | YAMAGUCHI, Ichirou et al., "Linear and Rotary Encoders Using Electronic Speckle Correlation," <u>Optical Engineering</u> , Vol. 30, No. 12, 1991 |
| | | SUTTON, Michael A. et al., "Effects of Subpixel Image Restoration on Digital Correlation Error Estimates," <u>Optical Engineering</u> , Vol. 27, No. 10, 1988 |
| | | SJÖDAHL, M. "Accuracy in Electronic Speckle Photography," <u>Applied Optics</u> , Vol. 36, No. 13, 1997 |
| | | SCHREIER, Hubert et al. "Systematic Errors in Digital Image Correlation Caused by Intensity Interpolation," <u>Optical Engineering</u> , Vol. 39, No. 11, November 2000 |

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|
| EXAMINER | DATE CONSIDERED |
| Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. | |